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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	Keith Alan Miesel
				Art Unit	
				Examiner Name	
				Attorney Docket Number	009.6001 (P-11290.00)
Sheet	1	of	1		

U.S. PATENT DOCUMENTS

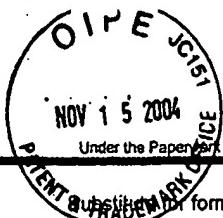
FOREIGN PATENT DOCUMENTS

Examiner Signature	Maura M. Alter	Date Considered	12/20/05
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in not in conformance and not considered. Include copy of this form with next communication to applicant. **Applicant's unique citation designation number (optional).** ²See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-03)

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TRADEMARK FORM 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/678,402
Filing Date	10/03/2003
First Named Inventor	Keith Alan Miesel
Art Unit	3762
Examiner Name	Unknown

Attorney Docket Number 009.6001 (P-11290.00)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA		US-4,595,009 A1	06-17-1986	Leinders	
AT		US-4,791,935 A1	12-20-1988	Baudino et al.	
AT		US-5,275,171 A1	01-04-1994	Barcel	
AT		US-5,280,413	01-18-1994	*Pai	
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AA		US-5,314,495 A1	05-24-1994	Kovacs	
AT		US-5,325,870 A1	07-05-1994	Kroll et al.	
AA		US-5,336,253 A1	08-09-1994	Gordon et al.	
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AA		US-5,423,873 A1	06-13-1995	Neubauer et al.	
AA		US-5,470,345	11-28-1995	Hassler et al.	
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AA		US-5,571,156 A1	11-05-1996	Schmukler	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
AA		EP 0 844 899 B1	07-30-2003	Alfred E. Mann Foundation for Scientific Research		
AT		GB 2 124 495 A	02-22-1984	Teletronics Pty. Ltd.		
AT		GB 2 134 335 A	08-08-1984	Commonwealth of Australia		
AA		GB 2 166 606 A	10-04-1985	Teletronics Pty. Ltd.		
AT		WO95 19804 A1	07-27-1995	Medtronic, Inc.		
AA		WO97 06653 A1	02-27-1997	Alfred E. Mann Foundation for Scientific Research		
AA		WO97 20332 A1	06-05-1997	Maxwell Laboratories, Inc.		
AT		WO97 38752 A2	10-23-1997	Medtronic, Inc.		
AA		WO97 38752 A3	10-23-1997	Medtronic, Inc.		

Examiner Signature

Alyssa M. Alter

Date Considered

12/20/05

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/678,402
Filing Date	10/03/2003
First Named Inventor	Keith Alan Miesel
Art Unit	3762
Examiner Name	Unknown
Attorney Docket Number	009.6001 (P-11290.00)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA		US-5,683,435	11-04-1997	Truex et al.	
AA		US-5,738,270 A1	04-14-1998	Malmgren	
AA		US-5,782,891	07-21-1998	Hassler et al.	
AA		US-5,843,135 A1	12-01-1998	Weiland et al.	
AA		US-5,925,070 A1	07-20-1999	King et al.	
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AA		US-6,011,993 A1	01-04-2000	Tziviskos et al.	
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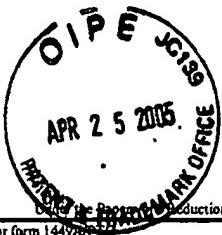
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	* ⁶
AA		WO99 06105 A1	02-11-1999	Desmond, Noel		
AA		WO99 49934 A1	10-07-1999	Johnson & Johnson Professional, Inc.		
AA		WO00 56677 A1	09-28-2000	Alfred E. Mann Foundation		
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AA		WO03 033070 A1	04-24-2003	Case Western Reserve University		
AA		WO03 092807 A1	11-13-2003	Medtronic, Inc.		

Examiner Signature	Alynn M. Alles	Date Considered	12/20/05
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PTO/SB/08a (06-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/08a-22				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/678,402
				Filing Date	October 3, 2003
				First Named Inventor	Keith A. Miesel
				Group Art Unit	3762
				Examiner Name	<i>Not yet assigned</i>
				Attorney Docket Number	P-11290.00 US
Sheet	1	of	3		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
A	4,886,064			Strandberg	12-12-1989
	5,148,265			Khandros et al.	09-15-1992
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A	2002/128689			Connelly et al.	09-12-2002
Examiner Signature	<i>Alyssa M. Atter</i>			Date Considered	12/20/05

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				Group Art Unit	3762
				Examiner Name	Not yet assigned
Sheet	2	of	3	Attorney Docket Number	P-11290.00 US

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			Filing Date	October 3, 2003	
			First Named Inventor	Keith A. Miesel	
			Group Art Unit	3762	
			Examiner Name	<i>Not yet assigned</i>	
Sheet	3	of	3	Attorney Docket Number	P-11290.00 US

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AA		WO	92/05582	Khandros et al.	04-02-1992		
AA		WO	98/26840	Stokes et al.	06-25-1998		
AA		WO	98/43700	Schulman et al.	10-08-1998		
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AA		WO	00/25862	Miesel	05-11-2000		
AA		WO	00/25861	Miesel et al.	05-11-2000		
AA		WO	00/25664	Roberts et al.	05-11-2000		
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AA		WO	02/065895	Connelly et al.	08-29-2002		
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AA		EP	1353374	Khandros et al.	10-15-2003		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
AA		International Search Report, Application No. PCT/US2004/032643, mailed 02/14/2005.	
AA		International Search Report, Application No. PCT/US2004/032644, mailed 02/14/2005.	
AA		Spencer L. BeMent, Kensall D. Wise, David J. Anderson, Khalil Najafi & Kenneth L. Drake, <i>Solid-State Electrodes for Multichannel Multiplexed Intracortical Neuronal Recording</i> , IEEE Transactions On Biomedical Engineering, Vol. BME-33, No. 2, February 1986.	
AA		Kelly E. Jones & Richard A. Normann, <i>An Advanced Demultiplexing System for Physiological Stimulation</i> , IEEE Transactions On Biomedical Engineering, Vol. 44, No. 12, December 1997.	

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